

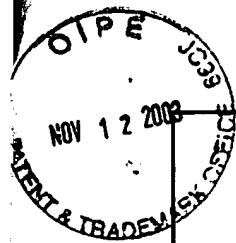
11-13-03

PTO/SB/21

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/605,875
		Filing Date	November 3, 2003
		First Named Inventor	Norris, Robert R.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Total Number of Pages in This Submission	6	Attorney Docket Number	718395.43

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>); Statement Under 37 CFR 3.73(b); Copy of Assignment; return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks:	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Kevin M. Kercher, Reg. No. 33,408 Blackwell Sanders Peper Martin LLP	10
Signature		
Date	Nov 12, 2003	

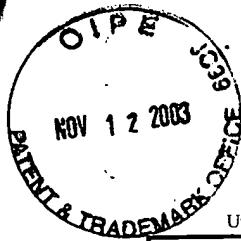
CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: November 12, 2003

Express Mail Label No.: EV159190231US

Typed or printed name	Beth Hookway		
Signature		Date	11-12-03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box



PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	Not yet known
	Filing Date	Herewith
	First Named Inventor	NORRIS, Robert R.
	Group Art Unit	Not yet known
	Examiner Name	Not yet known
	Attorney Docket Number	718395.43

I hereby appoint:

Practitioners at Customer Number

27128

Place Customer
Number Bar Code
Label here

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

OR

Firm or
Individual Name

Address

Address

City

State

Zip

Country

United States

Telephone

Fax

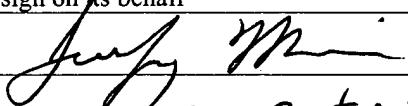
I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.7.1.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE OF APPLICANT OR ASSIGNEE OF RECORD

Name	Jules Jay Morris, Vice President and Chief Intellectual Property Counsel for Invensys plc and designated by the Secretary of Ranco Incorporated of Delaware to sign on its behalf
Signature	
Date	21 Oct 03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



NOV 12 2003

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Robert R. Norris et al.Application No./Patent No.: Not Yet Known Filed/Issue Date: HerewithEntitled: STEPPER MOTOR DRIVEN VALVE FOR THERMAL MANAGEMENT AND ASSOCIATED METHOD OF USERanco Incorporated of Delaware, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

- [x] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

21 Oct 03

Date

Jules Jay Morris

Typed or printed name

Signature

Vice President and Chief Intellectual Property
Counsel for Invensys plc and designated by the
Secretary of Ranco Incorporated of Delaware to sign
on its behalf

Title



PATENT
Mr # 718395.43

WHEREAS, Robert R. Norris, a resident of ~~Dublin~~, Ohio and Gary L. Russo, a resident of Delaware, Ohio; (hereinafter referred to as "Assignors"), are the inventors of a certain new and useful invention relating to a STEPPER MOTOR DRIVEN VALVE FOR THERMAL MANAGEMENT AND ASSOCIATED METHOD OF USE for which application for Letters Patent has been made as U.S. Provisional Patent Application No. 60/465,617 that was filed on April 24, 2003, and for which Assignor is about to make application for Letters Patent in the United States; and

WHEREAS, Assignor is the owner and in full possession of the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor; and

WHEREAS, Ranco Incorporated of Delaware, a corporation duly organized under the laws of the State of Delaware, (hereinafter referred to as "Assignee"), having its principal office and place of business at 300 Delaware Avenue, Suite 1704, Wilmington, Delaware 19801, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent that may be granted therefor; and

NOW, THEREFORE, for and in consideration of the sum of One Dollar (U.S. \$1.00) and other valuable considerations to Assignors paid by said Assignee, receipt of which is hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee, the entire right, title and interest in and to said invention and in and to any and all Letters Patent, both United States and foreign, that may be granted therefor, together with any and all continuations, divisions, or reissues, and Assignors do hereby authorize and request the United States

Commissioner of Patents and Trademarks to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said application or otherwise for said invention.

This Assignment is effective as of April 24, 2003.

IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.

Dated: 10/30/03



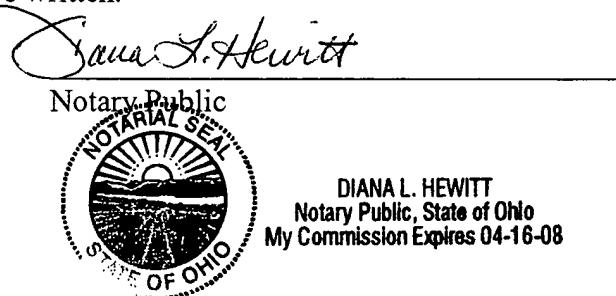
Robert R. Norris

STATE OF Ohio)
)
) ss.
COUNTY OF Union)

On this 30th day of October, 2003, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared Robert R. Norris to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

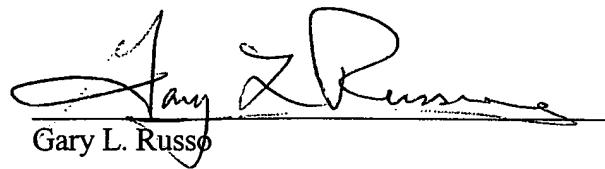
In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.

My Commission Expires: 4/16/08



IN WITNESS WHEREOF, Assignor has hereunto set his hand and seal.

Dated: 10/30/2003



Gary L. Russo

STATE OF Ohio)
)
) ss.
COUNTY OF Union)

On this 30th day of October, 2003, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared Gary L. Russo to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.



Diana L. Hewitt
Notary Public

My Commission Expires: 4/16/08



DIANA L. HEWITT
Notary Public, State of Ohio
My Commission Expires 04-16-08